



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------------------|-------------|----------------------|---------------------|------------------|
| 10/700,475 | 11/05/2003 | Young Sang Byun | 8733.927.00-US | 7742 |
| 30827 | 7590 | 01/25/2007 | EXAMINER | |
| MCKENNA LONG & ALDRIDGE LLP | | | SCHATZ, CHRISTOPHER | |
| 1900 K STREET, NW | | | ART UNIT | PAPER NUMBER |
| WASHINGTON, DC 20006 | | | 1733 | |
| MAIL DATE | | DELIVERY MODE | | |
| 01/25/2007 | | PAPER | | |

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | |
|---|-----------------------|--------------|
| Advisory Action Before the Filing of an Appeal Brief | Application No. | Applicant(s) |
| | 10/700,475 | BYUN ET AL. |
| | Examiner | Art Unit |
| | Christopher T. Schatz | 1733 |

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 10 January 2007 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

a) The period for reply expires _____ months from the mailing date of the final rejection.
 b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
 (a) They raise new issues that would require further consideration and/or search (see NOTE below);
 (b) They raise the issue of new matter (see NOTE below);
 (c) They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 (d) They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet. (See 37 CFR 1.116 and 41.33(a)).

4. The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
 5. Applicant's reply has overcome the following rejection(s): _____.
 6. Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
 7. For purposes of appeal, the proposed amendment(s): a) will not be entered, or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: _____.

Claim(s) withdrawn from consideration: _____.

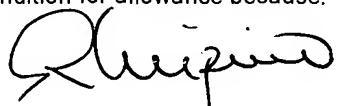
AFFIDAVIT OR OTHER EVIDENCE

8. The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
 9. The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
 10. The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.
 12. Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____

13. Other: _____.


RICHARD CRISPINO
 SUPERVISORY PATENT EXAMINER
 TECHNOLOGY CENTER 1700

Continuation of 3. NOTE: The newly added claims raise new issues that would require further search.

Continuation of 11. does NOT place the application in condition for allowance because: As to claims 12-23, applicant's arguments have been considered but they are not found convincing. The examiner asserts that regardless of whether Joffe et al. discloses the suction force applying means on the upper or lower stage, one of ordinary skill in the art would have readily appreciated that the advantages of a method wherein the suction force applying means is within each passage are applicable to both the upper stage and the lower stage of Okuyama et al. In other words, the advantages of having the suction force applying means within each passage are not achieved only when said suction force applying means is used at the lower stage. Said advantages would also be achieved if the suction force applying means is within each passage in the upper stage.

The examiner acknowledges that the raised portions of the suction device receives a lower substrate in the method of Joffe et al., but the examiner asserts that Joffe et al. does not disclose that such a suction device is designed only to receive a lower substrate. Furthermore, because of the suction capable of said suction force applying means, one of ordinary skill in the art would have readily recognized that said suction force applying means is capable of receiving an upper substrate as well as a lower substrate.

Applicant further argues that in addition to the suction cups of Joffe, other parts of Joffe et al. must be added to Okuyama et al. Without conceding applicant's argument, the examiner respectfully asserts that whether or not bearing bores, a beating holder, lower and upper bearings, loader posts, a loader based plate, a loader and an air cylinder must be added to Okuyama is not germane to the rejection at hand and if said parts need be added (a point the examiner is not conceding), such additions do not render the combination of Okuyama et al. in view of Joffe et al. unobvious.